

Children's Village International Center Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of Children's Village International Center, 14901 Meyers, Detroit, MI., on September 14th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Arkisha Milton on September 8^{th} , 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. **General**

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist Monica Starks, CIEC Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody



APPENDIX 1 Laboratory Results and Chain of Custody

17800 Woodward Ave Suite 200 Detroit, MI 48203

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 360369 9/22/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Childrens Village, DC-01-KC-01-P

Source City: Detroit Source State: Mi

Date/Time Received:

9/14/2016 13:45

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Anal	ytes - Metals				
1030 Lead	200.8 0.015	mg/L 0.001	0.001	1	9/14/2016 06:	20	9/16/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
JP	200.8

James Abston, Operations Manager

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of 1

360369

Lead Only

Laboratory ID:, 0055

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 360370 9/22/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Childrens Village, DC-01-KC-01-F

Source City: Detroit Source State: MI

Date/Time Received:

9/14/2016 13:45

Collected by:

M. Etters

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Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
40/440/10/11/52/04/54/04/54/04/54/04/54/54/54/54/54/54/54/54/54/54/54/54/54	Supposed ACTES Associate Color Subsequent Contract and Color	Inorganic An	alytes - Metals			
1030 Lead	200.8 0.015	mg/L 0.00	i ND	9/14/2016 06:2	0	9/16/2016

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360370

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ANALYTICAL REPORTS

SAMPLE CODE: 360371 9/22/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Childrens Village, DC-01-WF-02-P

Source City: Detroit Source State: MI

Date/Time Received:

9/14/2016 13:45

Collected by:

M. Etters

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		Inorganic Anal	ytes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	0.002	1 9/14/2016 06:	20	9/16/2016

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Laboratory ID: 0055

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ANALYTICAL REPORTS

SAMPLE CODE: 360372 9/22/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Childrens Village, DC-01-WF-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

9/14/2016 13:45

Collected by:

M. Etters

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Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed	
		Inorganic Analy	ytes - Metals				
1030 Lead	200.8 0.015	mg/L 0 001	ND	1 9/14/2016 06:2	20	9/16/2016	Statement

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360372

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ANALYTICAL REPORTS

SAMPLE CODE: 360373 9/22/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Childrens Village, DC-01-BBF-03-P

Source City: Detroit Source State:MI

Date/Time Received:

9/14/2016 13:45

Collected by:

M. Etters

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		Inorganic Analy	/tes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	0.006	1 9/14/2016 06:2	0	9/16/2016

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360373

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ANALYTICAL REPORTS

SAMPLE CODE: 360374 9/22/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Childrens Village, DC-01-BBF-03-F

Source City: Detroit Source State:MI

Date/Time Received:

9/14/2016 13:45

Collected by:

M. Etters

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Not Analyzed

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Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Analy	rtes - Metals		Community (1995) Community (Community (1994) (1995) (1995) (1995) (1995) (1995) (1995)	
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 9/14/2016 06:2	20	9/16/2016

These test results may be used for compliance purpose as required.

Analyst Tests
JP 200.8

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360374

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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

Sample Number:

2077502

360369

Order Date:

05/16/2016

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

Cold To:	13N. LI	
Sold To: G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave		
Detroit	MI 48203	Payment \$:
		Check #:
Date Sampled : 9,14,16		Lab Comments/Special Instructions:
Time Sampled: 06:20 Pk	ase Use Military Time, e.g. 3:00pm = 15:00	
Check Time Zone: VEST CST	MSTPST	CERTIFICATION OF THE PROPERTY
Client Name: (Thildrens	1 # 61	
ASS LILAT	VIII.	
<u> 19901</u>	Meyers	
Same Number: 313-931	-7610	
PWS ID# (if applicable):	WA	State Forms:
Sample ID or Source: DC-	01-KC-01-P	Lab Sample Information:
Source Type: Spring We	II ☑ Municipal ☐ Surface	Date Received: 9 / 1 4 / 1 4
Other:		
City & State: Detvoit,	U.'	Time Received: 13:45
City & State: Duly 7011	erent than Above)	Received By:
C C	1 - 1	Sample receipt criteria checked & acceptable.
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Sample Collected By: Mic	(Signature) hal BFLUS (Please Print)	
Form Completed By: Vic	nd BAZIS	
Additional Comments: The location Source First diad.	led is a daycore	This is Smaple #1,

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077502 05/16/2016

360370

Sample Number:

Product:

Lead Only

Sample Paid: No

O-Id T-	TSR: EF	
Sold To:	for a second sec	For Laboratory Use ONLY
G. S. Group		
Monica Starks		Lab Accounting Information:
17800 Woodward Ave	MI 48203	Payment \$:
Detroit	WII 40203	Check #:
-		
Date Sampled : 9 , 14 , 16		Lab Comments/Special Instructions:
Time Sampled: $06:20$	Please Use Military Time, e.g. 3:00pm = 15:00	
Check Time Zone: ☐EST ☐ CST	MST PST	
Cliept Name: Ch. Jacus	Village	
BERRY : 14961	<u> Meyers</u>	
Number: 313-9	131-7610	
PWS ID# (if applicable):	W/A	State Forms:
Sample ID or Source: De-	01- Ke-01-F	Lab Sample Information:
Source Type: Spring U	Vell Municipal Surface	Date Received: 9 /14 /16
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City & State: Detroit	ifferent than Above)	Time Received: 13: 45 Received By: 5 Sample receipt criteria checked & acceptable.
Sample Collected By:	(Signature)	Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Chal Etters (Please Print)	
Form Completed By:	chal BALLS	
Additishal Comments:	mphal is a dayca	co this is South #1
the location 2	inplied is a day can	co. This is South til
CHASE SMADL	0	
- Harris Charles		

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077502

is 36

Sample Number:

05/16/2016

Product:

Lead Only

Sample Paid: No

Sold To:	
G. S. Group	For Laboratory Use ONLY
Monica Starks	Lab Accounting Information:
17800 Woodward Ave	Payment \$:
Detroit MI 48203	Check #:
Date Sampled: 7114116 Time Sampled: 06: 70 Please Use Military Time, e.g. 3:00pm = 15:00 Check Time Zone: FST CST MST PST Client Name: 11001 Value C	Lab Comments/Special Instructions:
Number: 3/3-931-76/b	
PWS ID# (if applicable):	State Forms:
Sample ID or Source: DC-O1-WF-O2- Source Type: Spring Well Municipal Surface Other:	Lab Sample Information: Date Received: 9 114 116 Time Received: 13 : 45
City & State: Det 100 vt, Mi	Received By: DF Sample receipt criteria checked & acceptable.
Sample Collected By: (Signature)	Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By: Micha Effus (Please Print)	
Form Completed By: Michal PSH-2VS	
delitional Comments: 1 Sangle 13 a daycare	this is Sample #2, First

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077502 05/16/2016 360372

Sample Number:

Product:

Lead Only

Sample Paid: No

Cold To	TSR: EF	
Sold To: G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave		Payment \$:
Detroit	MI 48203	Check #:
•		Lab Comments/Special Instructions:
Date Sampled : 0 114 1 16	1	Lab doministratopoda medadione.
Time Sampled: 06:20	Please Use Military Time, e.g. 3:00pm ≈ 15:00	
Check Time Zone: EST CST	· □ MST □ PST	
Client Name: Chibrens	> Village	
14901	Megus	
Number: 313-931	- 7610	
PWS ID# (if applicable):	NA	State Forms:
Sample ID or Source: DC - (01-40E-02-F	Lab Sample Information:
Source Type: Spring W	Vell Municipal Surface	Date Received: 9 114 116
		Time Received: 13:45
City & State: Astroit	Mit inferent than Above)	Received By: DF
Sample Collected By:	(Signature)	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By: <u>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</u>	hal Effers (Please Print)	
Form Completed By:	chal Biters	
Additional Comments: 100 C	moded is a dura	12. This is Sample #2,
Flush Sample.		

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077502 05/16/2016

360373

Sample Number:

Product:

Lead Only

Sample Paid: No

Sold To:	ISK: EF	
G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave	hal 40000	Payment \$:
Detroit	MI 48203	Check #:
•		
Date Sampled : 9 , 14 , 16		Lab Comments/Special Instructions:
Time Sampled: 06:20 Pla	ase Use Military Time, e.g. 3:00pm = 15:00	
Check Time Zone: VEST CST]MST □ PST	
Client Name: (hildrens	Village	
14901 1	1eurs	
Sam Number: 313-931	-7610	
PWS ID# (if applicable):	D/A	State Forms:
Sample ID or Source: $\underline{DC-C}$	11-BBF-03-P	Lab Sample Information:
Source Type: Spring Wel	Municipal Surface	Date Received: 9 1/4 1/6
City & State: Destroit	rent than Above)	Time Received: 13:45 Received By: DF
Sample Collected By:	ID &	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By: <u> </u>	(Signature) hul EHUS (Please Print)	
Form Completed By: Mic	hal Esters	
Hul location Sample	ed is a daycare	this is Sample #3, First

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502 05/16/2016

Order Date: 05/16

360374

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

Sold To:		
G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave		
Detroit	MI 48203	Payment \$:
		Check #:
Date Sampled : 9,14,16		Lab Comments/Special instructions:
Time Sampled: 06:20 Pic	ease Use Military Time, e.g. 3:00pm = 15:00	
Check Time Zone: [[]/EST [] CST[MSTPST	
Client Name: Childrens	Village	
14901 F	leyers	
Sw Number: 313-93	31 - 7610	
PWS ID# (if applicable):	Wla	State Forms:
Sample ID or Source: <u>DC - O</u>	1-BBF-03-F	Lab Sample Information:
Source Type: Spring We	Municipal Surface	Date Received: 9 114 116
Other:		Time Received: 13:45
City & State: Detroit	Hi.	Received By: BC
Sample Collected By:	DA	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted
Springer view and a spring	, (Signature)	on PSA form.
Sample Collected By: Mich	w Brows	
Form Completed By: <u>Mid</u>	(Please Print)	
dditional Commonts:	pampled is a days	we. His is Sample #3,
HUSh Sangle	<u> </u>	